

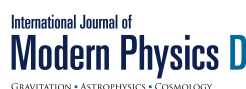
The 6th international conference on particle physics and astrophysics (ICPPA-2022)

Bulletin n.2

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Introduction

General information

The 6th International Conference on Particle Physics and Astrophysics (ICPPA-2022) will be held in Moscow, Russia (from the 29th of November to the 2nd of December). The conference is organized by National Research Nuclear University «MEPhI». The aim of the Conference is to share scientific knowledge, to promote contacts between scientists and to develop new ideas in fundamental research. We will bring together experts and young scientists working in experimental and theoretical areas of nuclear physics, particle physics (including astroparticle physics), and cosmology. Most recent results from modern experiments in these areas and advanced detector technology development will be presented and discussed.

ICPPA-2022 is dedicated to the 80th anniversary of National Research Nuclear University «MEPhI». The working language of the conference is English.

Conference fee

There is no conference fee for participants this year.

Scientific program

The conference will cover the following topics:

- Astroparticle physics
- Facilities and advanced detector technologies
- Gravitation and cosmology
- Heavy ion physics
- High energy physics: experiment
- High energy physics: theory
- Neutrino physics
- Nuclear physics

Committees

International Program Committee:

- V. Matveev, JINR, Dubna, Russia (Chair)
- V. Shevchenko, MEPhI, Moscow, Russia (Co-chair)
- M. Skorokhvatov, NRC Kurchatov Institute, Moscow, Russia (Co-chair)
- A. Ayala, UNAM, Mexico City, Mexico
- A. Bolozdynya, MEPhI, Moscow, Russia
- J. Cao, IHEP, Beijing, China
- O. Dalkarov, LPI RAS, Moscow, Russia
- M. Danilov, LPI RAS, Moscow, Russia
- J. Fabris, UFES, Vitória, Brazil
- Y. Gurov, JINR, Dubna, Russia
- V. Kim, PNPI, Gatchina, Russia
- M. Khlopov, SFEDU, Rostov on Don, Russia
- Y. Kudenko, INR RAS, Moscow, Russia
- P. Logachev, BINP, Novosibirsk, Russia
- B. Mohanty, NISER Bhubaneswar, Jatni, India
- A. Romaniouk, MEPhI, Moscow, Russia

- S. Rubin, MEPhI, Moscow, Russia
- A. Starobinsky, Landau ITP RAS, Moscow, Russia
- Y. Suvorov, Università degli Studi di Napoli Federico II, Napoli, Italy
- A. Vasiliev, NRC Kurchatov IHEP, Protvino, Russia
- S. Voronov, MEPhI, Moscow, Russia
- M. Vysotsky, LPI RAS, Moscow, Russia
- M. Zdorovets, INP RK, Almaty, Kazakhstan

Local Organizing Committee:

- V. Shevchenko, MEPhI, Moscow, Russia (Chair)
- N. Barbashina, MEPhI, Moscow, Russia (Co-chair)
- M. Strikhanov, MEPhI, Moscow, Russia (Co-chair)
- E. Soldatov, MEPhI, Moscow, Russia (Co-chair)
- T. Antonova, MEPhI, Moscow, Russia
- B. Chernyshev, MEPhI, Moscow, Russia
- E. Esipova, MEPhI, Moscow, Russia
- V. Gani, MEPhI, Moscow, Russia
- A. Kirillov, MEPhI, Moscow, Russia
- M. Korotkov, MEPhI, Moscow, Russia
- A. Kumpan, MEPhI, Moscow, Russia
- A. Kurova, MEPhI, Moscow, Russia
- V. Mochalov, MEPhI, Moscow, Russia
- G. Nigmatkulov, MEPhI, Moscow, Russia
- V. Nikulin, MEPhI, Moscow, Russia
- N. Prokopenko, IHEP NRC Kurchatov Institute, Protvino, Russia
- S. Smirnov, MEPhI, Moscow, Russia
- I. Svadkovskiy, MEPhI, Moscow, Russia
- P. Teterin, MEPhI, Moscow, Russia (Academic secretary)
- N. Voznyuk, MEPhI, Moscow, Russia
- E. Zherebtsova, MEPhI, Moscow, Russia

Information about the conference

Conference venue

The conference will be held at the Intourist Hotel Kolomenskoe 4* located at Kashirskoye shosse, 39b, Moscow, Russia, 115409 and is easily accessible by public transportation. **Note that a part of Green metro line from st. Orekhovo to st. Avtozavodskaya, including the nearest to the Conference venue metro station Kashirskaya, closed for renovation.** The nearest and the most accesible working metro and city train stations are:

- Moskvorechye of the 2nd Moscow Central Diameter (~22 min. walk or ~10 min. by bus);
- Domodedovskaya of the Green line (~20 min. by bus);
- Orekhovo of the Green line (~25 min. by bus);
- Avtozavodskaya of the Green line (~35 min. by bus);
- Kakhovskaya of the Turquoise line and Sevastopolskaya of the Gray line (~30 min. by bus);
- Nagatinskaya of the Gray line (~18 min. by bus);
- Verkhnie Kotly of Moscow Central Circle (line 14) (~23 min. by bus).

Information about how to reach the Conference venue from the nearest working metro and city train stations and airports can be found in Chapter [Other useful information](#).

Oral sessions

For in-person participants all oral sessions will take place on the 14th floor of the Hotel Intourist Kolomenskoye. Oral sessions include plenary talks (25+5/30+5 min), long and short section talks (10+5/12+3/15+5 min).

Poster session

Poster session will be offline and take place in the Petrovsky Hall on 14th floor of the Hotel Intourist Kolomenskoye.

Both A1 and A2 formats are acceptable, but A1 one is preferable. **A0 format is forbidden! No composite posters made of few smaller formats are allowed.** Both portrait and landscape poster orientations are acceptable. We will be able to help you to place your poster in the poster session hall. Posters will be attached to roll-ups with adhesive tape.

Remote participation

All sessions will be available remotely using Zoom. Links to the sessions will be available later on the conference website. Passwords will be distributed by email. If you have a remote oral talk, please connect to your session early. **Please, keep track of the timezone. Moscow timezone is UTC+03:00 (CET+02:00).**

Poster session will be offline. However there will be a possibility for limited number of posters to prepare a 1-2 minute video with short description of the study shown on the poster. These videos will be shown during poster session.

Timetable

You may find the timetable of the Conference at the following address: <https://indico.particle.mephi.ru/event/275/timetable>.

Proceedings

Talk materials will be available on the conference webpage. Selected proceedings of the Conference will be published in the journal (indexed in Russian Science Citation Index, Scopus and/or in Web of Science) after peer-review (most probably in Physics of Atomic Nuclei journal).

The deadline for proceedings submission is January 15, 2023 (inclusive). The papers sent after this date will be declined. Earlier submission is welcome! Please consider the starting of proceedings writing prior the conference.

Please send the paper draft to icppa2022@mephi.ru with both pdf and tex/word versions. Latex and word templates will be placed on the conference website.

For Russian authors only: we kindly ask you to attach the expert conclusion on publication possibility from your institution.

Conference dinner

A Conference dinner will take place on Thursday, the 1st of December, in the Alekseevsky Hall on 14th floor of the Hotel Intourist Kolomenskoye. Start time is 20h00m. Price of participation in this event is **3000 rubles**. Money should be paid on-site, cash only. There is an ATM at the lobby of the hotel.

If you chose the option "Yes" concerning the participation in the Conference dinner in the registration form and your decision has been changed (or vice versa), please contact us by the Conference email: icppa2022@mephi.ru.

Other useful information

Road from airports

There are four international airports near Moscow. You can use taxi or public transport to reach the Conference venue from them.

Taxi:

You can take a taxi at the corresponding desk at the airport (desk is called "Official taxi"). Beware of using the private drivers services, that will be suggested to you after the green corridor. You can also use Uber, Gett or Yandex Taxi services at your smartphone. For example, fare from Sheremetyevo/Domodovovo/Vnukovo/Zhukovsky to the Hotel Intourist Kolomenskoye is about 1700/1000/1200/1500 rubles, but it depends on traffic jams and taxi service.

Public transport:

Possible way from each airport can be found below. **Note that a part of Green metro line from st. Orekhovo to st. Avtozavodskaya, including the nearest to the Conference venue metro station Kashirskaya, closed for renovation.**

Schedule of the aeroexpress trains and aeroexpress buses can be found at the [aeroexpress website](#). You can also buy tickets there. Note that usage of the aeroexpress train is more comfortable, but more expensive and less fast way.

● Sheremetyevo:

1. You can use bus 1195 (aeroexpress bus) to reach the Khovrino metro station (bus terminus). Then you need to use the metro line 2 (green) to reach the Tverskaya station, switch to the metro line 9 (gray, station Chekhovskaya) and reach the Nagatinskaya metro station. Then you can use bus e85 (free) to reach the stop «MEPhI», from this stop there is 10 minutes walk to the Hotel Intourist Kolomenskoye. Travel time will be ~1h50m.

2. You can use aeroexpress train to reach the station «Okruzhnaya». Then you need to use the metro line 10 (light green, station Okruzhnaya) to reach the Chkalovskaya station, switch to the Moscow Central Diameter line D2 (city train, station Kursky vokzal) and reach the Moskvorechye station. Then you can use bus e85 (free) to reach the stop «MEPhI», from this stop there is 10 minutes walk to the Hotel Intourist Kolomenskoye. Alternatively, you can use bus m83/m86/770/899/c838 to reach the stop «Dvorets kultury Moskvorechye», from this stop there is 5 minutes walk to the Hotel Intourist Kolomenskoye. Travel time will be ~2h40m.

● Domodedovo:

1. You can use bus 1185 (aeroexpress bus, the recommended one) or 380 to reach the Domodedovskaya metro station (bus terminus). Then you can use bus e85 (free) to reach the stop «MEPhI», from this stop there is 10 minutes walk to the Hotel Intourist Kolomenskoye. Travel time will be ~1h20m.

2. You can use aeroexpress train to reach the station «Verkhnie kotly». Then you can use bus e85 (free) to reach the stop «MEPhI», from this stop there is 10 minutes walk to the Hotel Intourist Kolomenskoye. Alternatively, you can use bus m86 to reach the stop «Dvorets kultury

Moskvorechye», from this stop there is 5 minutes walk to the Hotel Intourist Kolomenskoye. Travel time will be ~1h40m.

- Vnukovo:

1. You can use bus 911 to reach the Salarievo metro station (bus terminus). Then you need to use the metro line 1 (red, station Salarievo) to reach the Prospekt Vernadskogo station, switch to the metro line 11 (turquoise, station Prospekt Vernadskogo) and reach the Kakhovskaya metro station. Then you can use bus KM (free) to reach the stop «Metro Kashirskaya». Then you can use bus e85 (free) to reach the stop «MEPhI», from this stop there is 10 minutes walk to the Hotel Intourist Kolomenskoye. Alternatively, you can use bus m83/m86/770/899/c838 to reach the stop «Dvorets kultury Moskvorechye», from this stop there is 5 minutes walk to the Hotel Intourist Kolomenskoye. Travel time will be ~1h50m.

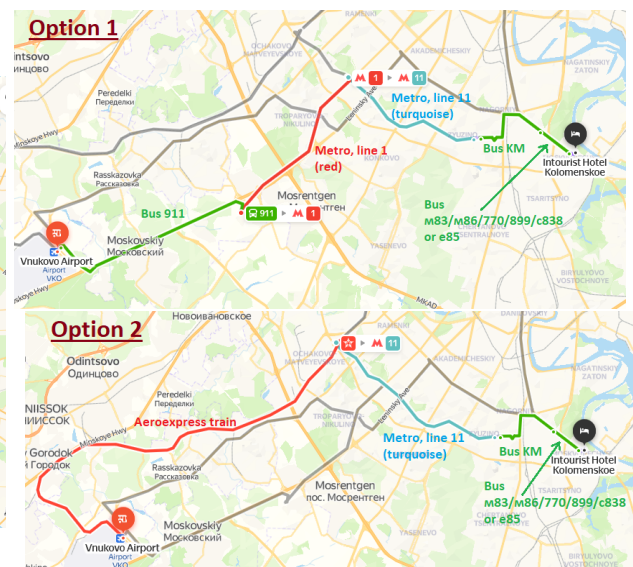
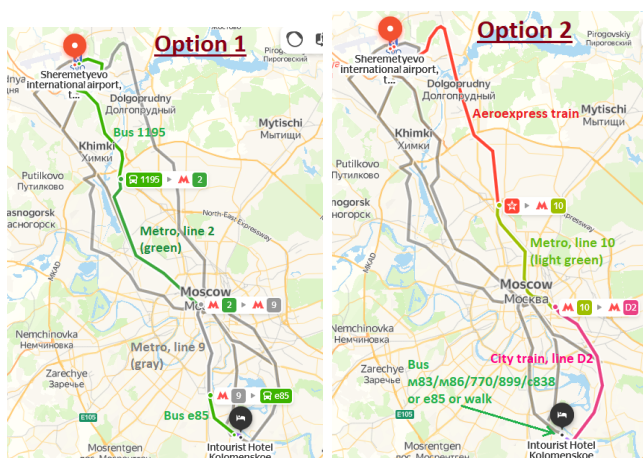
2. You can use aeroexpress train to reach the station «Aminyevskaya». Then you need to use the metro line 11 (turquoise, station Aminyevskaya) to reach the Kakhovskaya station. Then you can use bus KM (free) to reach the stop «Metro Kashirskaya». Then you can use bus e85 (free) to reach the stop «MEPhI», from this stop there is 10 minutes walk to the Hotel Intourist Kolomenskoye. Alternatively, you can use bus m83/m86/770/899/c838 to reach the stop «Dvorets kultury Moskvorechye», from this stop there is 5 minutes walk to the Hotel Intourist Kolomenskoye. Travel time will be ~2h00m.

- Zhukovsky:

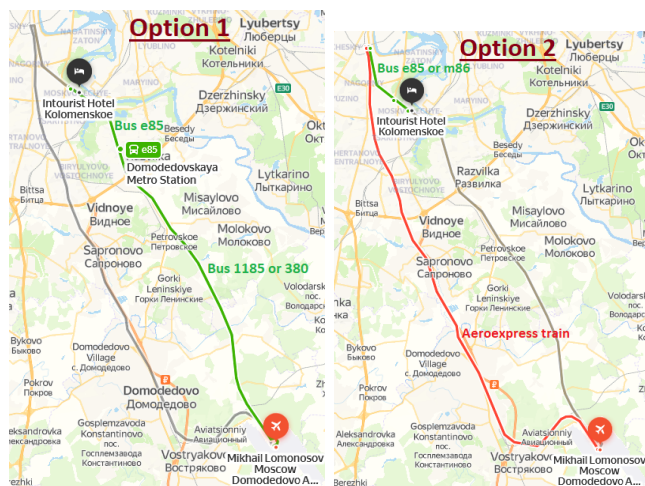
You can use bus 441 to reach the Kotelniki metro station (bus terminus). Then you need to use the metro line 7 (purple, station Kotelniki) to reach the Tekstilschiki station, switch to the Moscow Central Diameter line D2 (city train, station Kursky vokzal) and reach the Moskvorechye station. Then you can use bus e85 (free) to reach the stop «MEPhI», from this stop there is 10 minutes walk to the Hotel Intourist Kolomenskoye. Alternatively, you can use bus m83/m86/770/899/c838 to reach the stop «Dvorets kultury Moskvorechye», from this stop there is 5 minutes walk to the Hotel Intourist Kolomenskoye. Travel time will be ~2h20m.

Vnukovo

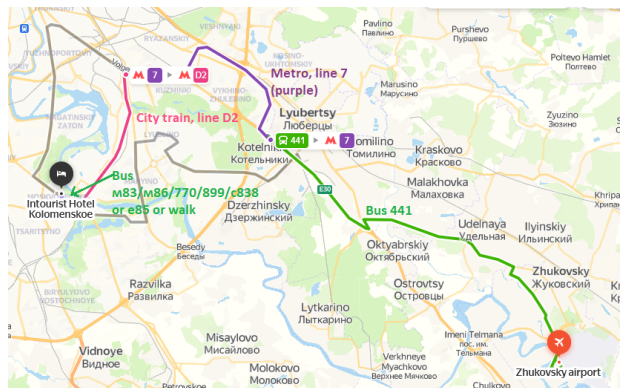
Sheremetyevo



Domodedovo



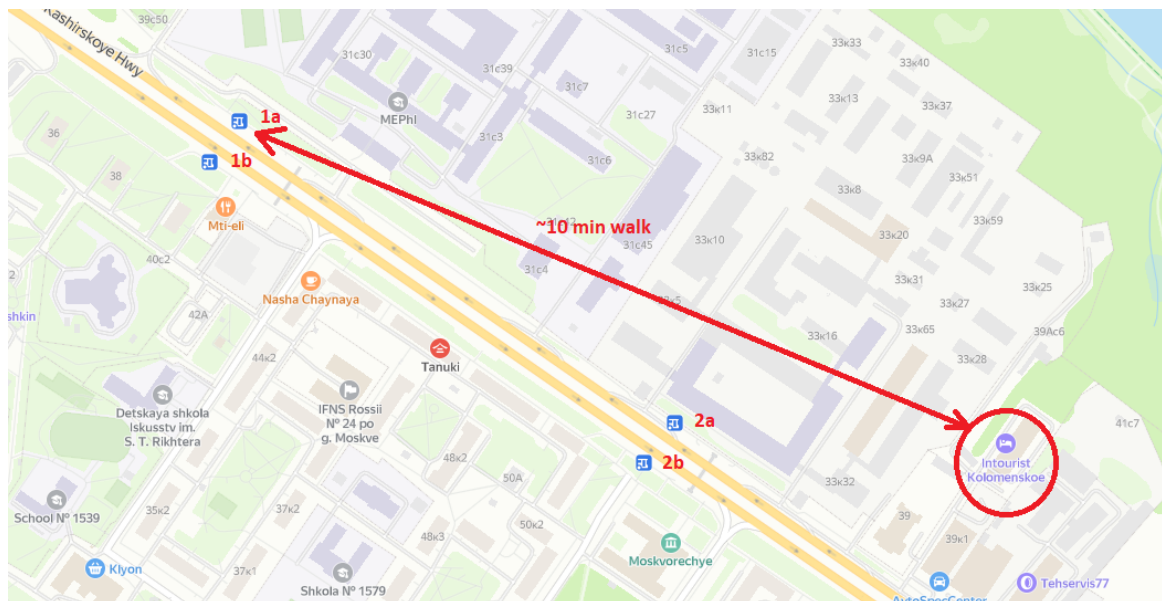
Zhukovsky

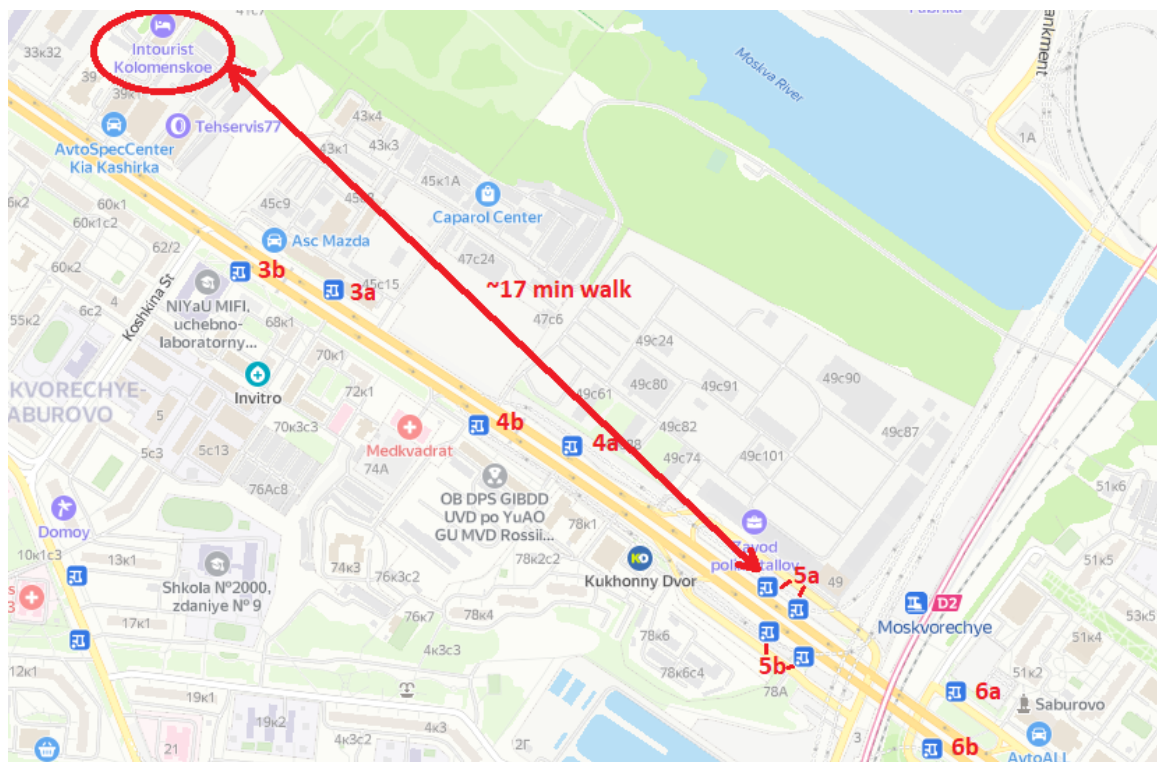


Nearest bus stops

There are some bus stops in the Hotel Intourist Kolomenskoye vicinity. Stops "a" are to the Moscow city centre direction, and stops "b" are away from Moscow direction.

- 1a, 1b: MEPhI
- 2a, 2b: Dvorets kultury Moskvorechye
- 3a, 3b: Institut avtomatiki
- 4a, 4b: Zavod polimetallv
- 5a, 5b, 6a, 6b: MCD Moskvorechye





Ways from the nearest metro and city train stations

In this section you can find how to reach the Conference venue from the nearest working metro and city train stations. Definitions of the bus stop labels are presented in the [previous section](#). All main city train stations are connected with metro system.

Moskvorechye (D2)

Bus m83/m86/770/899/c838 in the direction to the city center (stop 5a). Your destination is stop 3a or 2a, travel time is ~10 min.

Alternatively, you can reach the hotel by walk, travel time is ~22 min.

Domodedovskaya (Green line)

Bus e85 in the direction to the city center. Your destination is stop 5a. Then you need to switch the bus to m83/m86/770/899/c838. Your destination is stop 3a or 2a. Travel time is ~20 min.

Alternatively, you can use bus e85 to reach stop 1a and then reach the hotel by walk. Travel time is ~25 min.

Orekhovo (Green line)

Bus m83 in the direction to the city center. Your destination is stop 3a or 2a. Travel time is ~25 min.

Alternatively, you can use bus KM2. Your destination is «MCD Moskvorechye» (6a). Then you need to go to stop 5a and switch the bus to m83/m86/770/899/c838. Your destination is stop 3a or 2a. Travel time is ~28 min.

Avtozavodskaya (Green line)

Bus KM1/KM2 in the direction from the city center. Your destination is «Metro Kashirskaya». Then you need to switch the bus to m83/m86/770/899/c838. Your destination is stop 2b or 3b. Travel time is ~35 min.

Kakhovskaya (Turquoise line) and Sevastopolskaya (Gray line)

Bus KM. Your destination is «Metro Kashirskaya». Then you need to switch the bus to m83/m86/770/899/c838. Your destination is stop 2b or 3b. Travel time is ~30 min.

Nagatinskaya (Gray line)

Bus m86 in the direction from the city center. Your destination is stop 2b or 3b. Travel time is ~18 min.

Alternatively, you can use bus e85 in the direction from the city center. Your destination is stop 1b. Then you need to switch the bus to m83/m86/770/899/c838. Your destination is 2b or 3b. Travel time is ~18 min.

Alternatively, you can use bus e85 to reach stop 1b and then reach the hotel by walk. Travel time is ~23 min.

Verkhnie Kotly (Moscow Central Circle)

Bus m86 in the direction from the city center. Your destination is stop 2b or 3b. Travel time is ~23 min.

Alternatively, you can use bus e85 in the direction from the city center. Your destination is stop 1b. Then you need to switch the bus to m83/m86/770/899/c838. Your destination is 2b or 3b. Travel time is ~23 min.

Alternatively, you can use bus e85 to reach stop 1b and then reach the hotel by walk. Travel time is ~28 min.

Moscow metro map

The most actual Moscow metro map can be found at the following link: <https://www.metro-msk.ru/en/metro-station/en-skhema-metro-moskvy.htm>. Note that a part of Green metro line from st. Orekhovo to st. Avtozavodskaya, including the nearest to the Conference venue metro station Kashirskaya, closed for renovation.

Accommodation

The Organizers are pleased to offer you a variety of accommodation options, close and within walking distance of conference venue. Alternately, it takes several minutes to reach venue by bus. You may choose from several hotels to suite all budgets.

1. Intourist Kolomenskoye 4* is a new ultramodern hotel, located near Moscow River, just 10 minutes away from the metro station (Kashirskaya, green line) by bus. This hotel is located on the highway, which directed to the international airport Domodedovo. The hotel has 14 levels, every room's window yield a gorgeous panoramic view on the city and surroundings. The Intourist Kolomenskoe is situated just near Kolomenskoe Museum-reserve park and National Research Nuclear University MEPhI.

Conference will be hosted in the conference rooms of Hotel Intourist Kolomenskoye 4*. The hotel offers discount prices of 3300 rubles (~53 euro) for single room/4000 rubles (~65 euro) for double room especially for participants of the conference. To have this discount, please, use promo code MEPhI during booking on the hotel web-site: <https://intourist-kolomenskoe.ru/en/>.

2. The 21-storey Milan Hotel 4* is located just 40 minutes from Domodedovo Airport, and a seven-minute walk from the Domodedovskaya metro station. The favorable location of the hotel, which is close to the town main – third circular road, three stations square and also Tsaritsino and Kolomenskoe Museum-reserve parks, makes The Milan Hotel very convenient for working and leisure

time. It takes 10 minutes to reach the conference venue by bus from Milan hotel. The cost starts from 5000 rubles (~81 euro) per day.

Web-site: <https://www.hotelmilan.ru/en/>.

3. Mini-hotel «Proletarskij Mini-Hotel» is located in 15 minutes walk from the Conference venue. The nearest metro station is Kashirskaya. The cost starts from 2700 rubles (~44 euro) per day.

Address: 1, Proletarsky avenue, Moscow.

Room in this hotel may be booked on the booking service [Ostrovok](#).

4. The hotel "Kolomenskoye" is a modest hotel on the territory of the museum-reserve "Kolomenskoye" - the former royal residence with museums and architectural monuments. From here, 13 minutes walk to the metro station and 10 minutes by bus to the conference venue. The cost of living starts from 3000 rubles (~48 euro) per night.

Address: Building 3, 84, Bolshaya str., Moscow.

Web-site: <https://www.mgomz.ru/en/landings/hotel>.

5. Very limited number of rooms for students will be available in MEPhI hostel. The hostel is situated in 15 minutes from the conference venue by bus. We offer 1-room apartments for ~2000 rubles/night and 2-room apartments for ~2500 rubles/night. All apartments have fully furnished kitchens. Photos of these apartments are below:

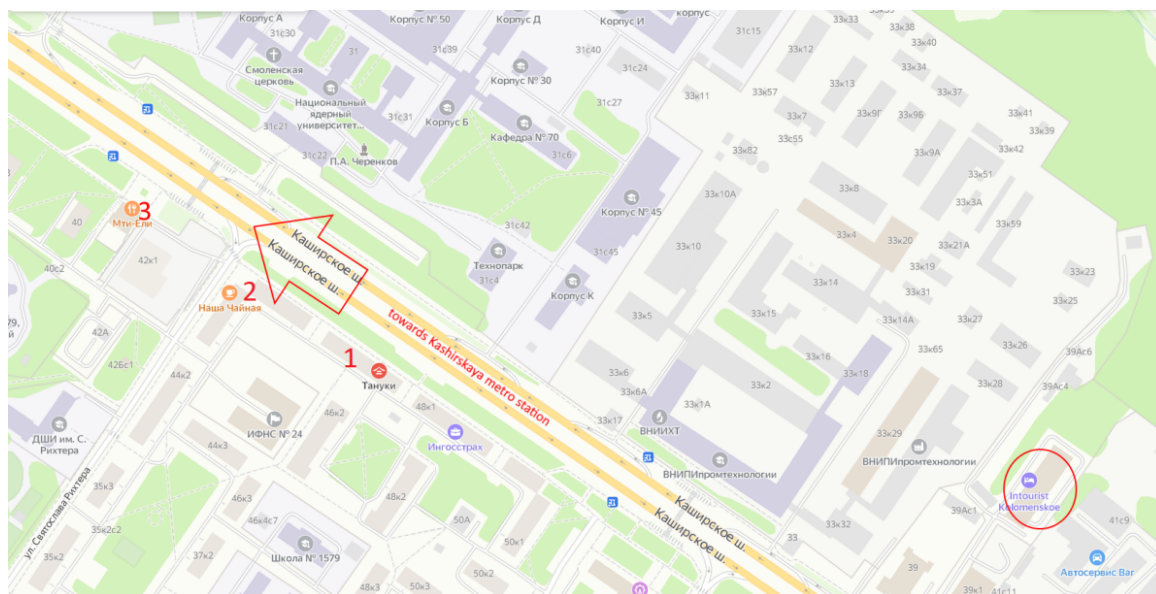
2-room studio: [photo 1](#), [photo 2](#).

1-room studio: [photo 3](#), [photo 4](#), [photo 5](#).

Meals

Business-lunches are available at the restaurant of the Hotel Intourist Kolomenskoye on the first floor. Its price is 950 rubles.

There are a large number of food places with variety of meals in the local area of the Conference venue. Some options are suggested below.



1. Tanuki

Cuisine: Japanese cuisine

Average bill: 1000-1500 rubles

2. Our Tea House

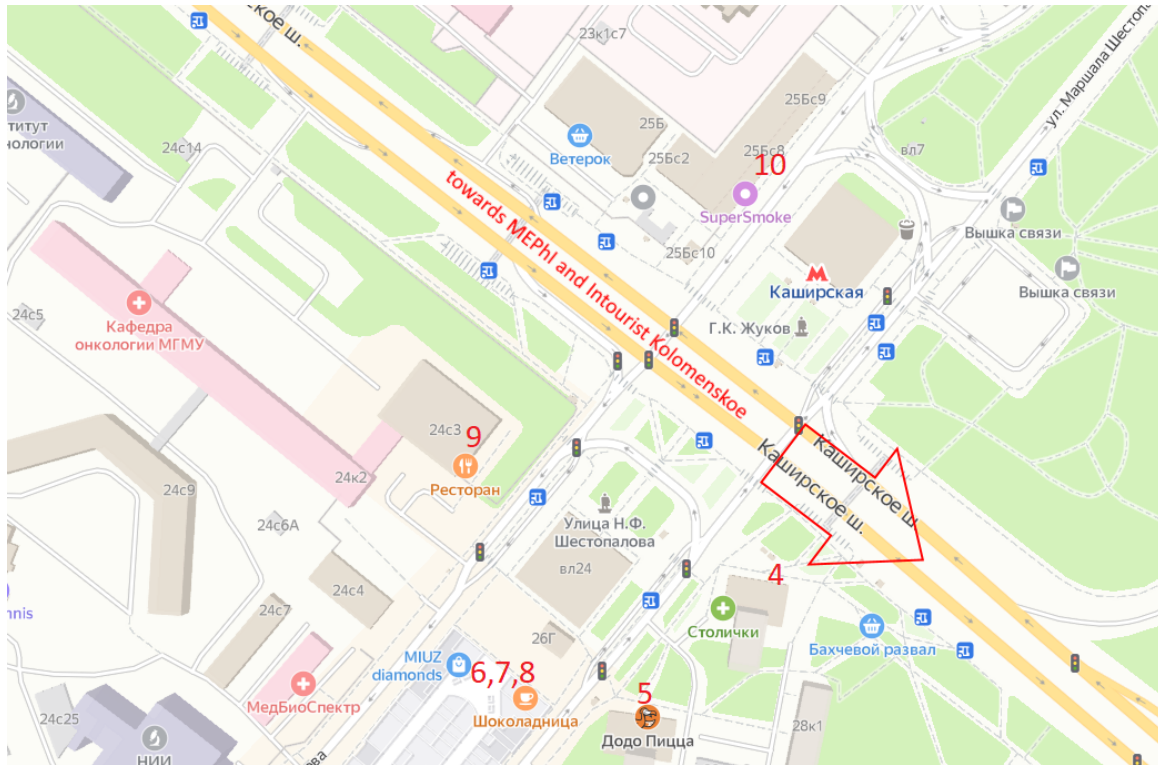
Cuisine: Various teas + pastry

Average bill: 300-500 rubles

3. Mti-Eli

Cuisine: Georgian cuisine

Average bill: 1000-1500 rubles



4. Coffee point

Cuisine: Coffee to go + pastry

Average bill: 200-300 rubles

5. Dodo Pizza

Cuisine: Italian pizza

Average bill: 300-500 rubles

6. Shokoladnitsa (in Moskvorechie shopping center)

Cuisine: European + Japanese cuisine

Average bill: 1000-1500 rubles

7. #FAPLШ (in Moskvorechie shopping center)

Cuisine: Burgers

Average bill: 700-1000 rubles

8. Il Patio (in Moskvorechie shopping center)

Cuisine: Italian + Japanese cuisine

Average bill: 700-1200 rubles

9. Chef House

Cuisine: Caucasian cuisine

Average bill: 1000-1500 rubles

10. Coffee to go point

Cuisine: Coffee to go

Average bill: 200-350 rubles

Contacts

Information about the event is available at the Conference's website: <https://indico.particle.mephi.ru/e/ICPPA2022>

Email: icppa2022@mephi.ru

Address: 115409, Russia, Moscow, Kashirskoye shosse, 39B, Hotel Intourist Kolomenskoye.

In case of any problems **during the conference time (November, 29 – December, 2)** or emergencies please call to responsible persons of the organizing committee:

Peter Teterin

Mobile phone: [+7\(962\)919-74-71](tel:+7(962)919-74-71)

E-mail: teterin.pe@gmail.com

Evgeny Soldatov

Mobile phone: [+7\(916\)688-87-96](tel:+7(916)688-87-96)

E-mail: EYSoldatov@mephi.ru

Please use these phones only in case of emergency! In all other cases please use the Conference email.